L Number	Hits	Search Text	DB	Time stamp
- Ivamber	223	360/98.08.ccls.	USPAT; JPO	2004/01/06 14:52
_	153	360/98.08.ccls. and (disk adj drive)	USPAT; JPO	2002/09/24 15:36
	132	(360/98.08.ccls. and (disk adj drive)) and assembly	USPAT; JPO	2002/09/24 15:16
-	47	((360/98.08.ccls. and (disk adj drive)) and assembly) and	USPAT; JPO	2002/09/24 15:18
-	77	balanc\$3	00.71,0.0	2002/00/27 10:10
	15	4933927.URPN.	USPAT	2002/09/24 15:21
-	15		USPAT	2002/09/24 15:28
-	9	("4224648" "4272795" "4358803" "4697216" "4933927"	USPAI	2002/09/24 15.26
		"4989107" "5010427" "5121272" "5610900").PN.	HODAT	0004/04/05 45:40
-	216	29/603.03, 603.09.ccls.	USPAT; JPO	2004/01/05 15:49
-	195	(29/603.03, 603.09.ccls.) and (disk adj drive)	USPAT; JPO	2002/09/24 15:36
-	15240	disk same balanc\$3	USPAT;	2003/08/05 14:56
			JPO;	
			DERWENT	
-	399	disk adj balanc\$3	USPAT;	2003/08/05 14:56
			JPO;	
			DERWENT	
-	17	(disk adj balanc\$3) and hub and (spindle adj motor)	USPAT;	2003/08/05 14:57
			JPO;	
			DERWENT	
_	2	("5964027").PN.	USPAT;	2004/01/05 15:20
	_	(JPO;	
			DERWENT	
	13	("2511934" "3684841" "3842544" "4667446" "4941293"	USPAT	2003/08/05 15:00
-	'3	"5099614" "5142173" "5167096" "5449313" "5471732"	00.711	2000/00/00 10:00
		"5482497" "5609657" "5763967").PN.		
	410	(disc or disk) adj balanc\$3	USPAT;	2004/01/05 16:46
-	410	(disc of disk) adj balancas	JPO;	2004/01/03 10.40
			DERWENT	
	05504	100 - 10 11	USPAT;	2004/01/05 16:40
-	25584	sensor with vibration	· ·	2004/01/05 10.40
			JPO;	
			DERWENT	0004/04/05 45 00
-	3646	sensor with vibration with measur\$4	USPAT;	2004/01/05 15:22
			JPO;	
			DERWENT	
-	224	sensor with (phase adj angle) with measur\$4	USPAT;	2004/01/05 15:29
			JPO;	
			DERWENT	
-	0	((disc or disk) adj balanc\$3) and (sensor with vibration) and	USPAT;	2004/01/05 15:23
		(sensor with vibration with measur\$4) and (sensor with (phase	JPO;	
		adj angle) with measur\$4)	DERWENT	
-	6	((disc or disk) adj balanc\$3) and (sensor with vibration)	USPAT;	2004/01/05 15:28
			JPO;	
			DERWENT	
-	4	4543463.URPN.	USPAT	2004/01/05 15:24
-	'	6198715.URPN.	USPAT	2004/01/05 15:25
_	1	6185171.URPN.	USPAT	2004/01/05 15:26
_	16	("4600863" "4808863" "5402400" "5471381" "5473698"	USPAT	2004/01/05 15:26
	.5	"5493631" "5510939" "5532990" "55555231" "5585976"		
		"5608843" "5609230" "5677609" "5936787" "6029095"		
		"6052349").PN.		
	5	l	USPAT	2004/01/05 15:28
-	3	(5260929	JOI AT .	2007/01/00 10.20
	0	5903540).FN. (sensor with vibration) and (("4600863" "4808863"	USPAT;	2004/01/05 15:29
-	U		1	2004/01/05 15.29
		"5402400" "5471381" "5473698" "5493631" "5510939"	JPO;	
l		"5532990" "5555231" "5585976" "5608843" "5609230"	DERWENT	
		"5677609" "5936787" "6029095" "6052349").PN.) and		
		(("5260929" "5379990" "5636081" "5737304"		
		"5903540").PN.)	l <u></u>	
-	0	(sensor with vibration) and 4543463.URPN. and	USPAT;	2004/01/05 15:29
		6198715.URPN.	JPO;	
			DERWENT	
-	1	((disc or disk) adj balanc\$3) and (sensor with vibration with	USPAT;	2004/01/05 15:29
		measur\$4)	JPO;	
		<u> </u>	DERWENT	
-	0	((disc or disk) adj balanc\$3) and (sensor with (phase adj	USPAT;	2004/01/05 15:29
1		angle) with measur\$4)	JPO;	
<u> </u>			DERWENT	
			DEKMENT	L

-	1028	sensor with (phase adj angle)	USPAT;	2004/01/05 15:29
			JPO;	
			DERWENT	
-	0	((disc or disk) adj balanc\$3) and (sensor with (phase adj	USPAT;	2004/01/05 15:29
		angle))	JPO;	
			DERWENT	
-	8106	(disc or disk) adj assembly	USPAT;	2004/01/05 15:30
	1		JPO;	
			DERWENT	
-	10	(sensor with (phase adj angle)) and ((disc or disk) adj	USPAT;	2004/01/08 13:25
1		assembly)	JPO;	
1			DERWENT	
-	1	(disc or disk) adj balanc\$3 with laser	USPAT;	2004/01/05 15:34
			JPO;	
		· ·	DERWENT	
-	0	20020040891.URPN.	USPAT	2004/01/05 15:34
-	1	((disc or disk) adj balanc\$3) with laser	USPAT;	2004/01/05 15:34
			JPO;	
			DERWENT	
-	3	((disc or disk) adj balanc\$3) same laser	USPAT;	2004/01/05 15:37
			JPO;	
			DERWENT	
-	6	((disc or disk) adj balanc\$3) and (laser with cut\$3)	USPAT;	2004/01/05 15:37
		(JPO;	
			DERWENT	
_	47	((disc or disk) adj balanc\$3) and laser	USPAT;	2004/01/05 15:40
	٠,	((disc of disk) daj balariopo) and lasor	JPO;	200-110 1100 10.40
,			DERWENT	
	8	360/98.08.ccls. and ((disc or disk) adj balanc\$3)	USPAT; JPO	2004/01/05 15:48
-	1	6198715.URPN. and laser	USPAT; JPO	2004/01/05 15:49
_	Ö	(360/98.08.ccls. and ((disc or disk) adj balanc\$3)) and laser		
-	296		USPAT; JPO USPAT; JPO	2004/01/05 15:49
-		29/603.03, 603.09.ccls. and ((disc or disk) adj balanc\$3)		2004/01/05 15:50
-	67	(29/603.03, 603.09.ccls. and ((disc or disk) adj balanc\$3)) and	USPAT; JPO	2004/01/06 14:53
	44	laser	LICDAT. IDO	0004/04/05 45-54
-	11	(29/603.03, 603.09.ccls. and ((disc or disk) adj balanc\$3)) and	USPAT; JPO	2004/01/05 15:51
	000	(laser with (cut\$4 or remov\$3))	LIGHT ING	0004/04/05 45 54
-	296	29/603.03, 603.09.ccls. and ((disc or disk) adj balanc\$3)	USPAT; JPO	2004/01/05 15:51
-	11	(29/603.03, 603.09.ccls. and ((disc or disk) adj balanc\$3)) and	USPAT; JPO	2004/01/05 15:51
	4000	(laser with (cut\$4 or remov\$3))		
-	1888	29/\$.ccls. and (laser with (cut\$4 or remov\$3))	USPAT; JPO	2004/01/05 15:51
-	15	29/\$.ccls. and ((disc or disk) adj balanc\$3)	USPAT; JPO	2004/01/05 15:52
-	0	(29/\$.ccls. and ((disc or disk) adj balanc\$3)) and laser	USPAT; JPO	2004/01/05 15:52
-	1	((disc or disk) adj balanc\$3) with laser	USPAT;	2004/01/05 15:52
			JPO;	
			DERWENT	
-	0	((disc or disk) adj balanc\$3) and laser	JPO	2004/01/05 16:39
-	23	(disc or disk) adj balanc\$3	JPO	2004/01/05 16:46
[-	7188	sensor with vibration	JPO	2004/01/05 16:40
-	0	((disc or disk) adj balanc\$3) and (sensor with vibration)	JPO	2004/01/05 16:40
-	76943	((disc or disk) adj balanc\$3) assembly	JPO	2004/01/05 16:41
-	1	((disc or disk) adj balanc\$3) and assembly	JPO	2004/01/05 16:41
-	18	hong-soon-kyo.in.	USPAT;	2004/01/05 16:46
			JPO;	
į i			DERWENT	
-	174	lee-chul-woo.inin.	USPAT;	2004/01/05 16:46
			JPO;	
			DERWENT	
ļ -	174	lee-chul-woo.in.	USPAT;	2004/01/05 16:47
			JPO;	
			DERWENT	
_	41	jung-seung-tae.in.	USPAT;	2004/01/05 16:47
	* '		JPO;	=30 1/0 1/00 10.47
			DERWENT	
_	1	choa-sung-hoon.in.	USPAT;	2004/01/05 16:47
	'	onoa-sung-noon.m.	JPO;	2004/01/05 10:47
			DERWENT	
L	لـــــا		DELANEIAI	

-	208	hong-soon-kyo.in. or lee-chul-woo.in. in. or lee-chul-woo.in. or	USPAT;	2004/01/05 16:47
		jung-seung-tae.in. or choa-sung-hoon.in.	JPO; DERWENT	
		(/dispersedicts) and halomates) and (hang soon kyo in or	USPAT;	2004/01/05 16:48
-	0	((disc or disk) adj balanc\$3) and (hong-soon-kyo.in. or lee-chul-woo.inin. or lee-chul-woo.in. or jung-seung-tae.in. or	JPO;	2004/01/03 10.40
		choa-sung-hoon.in.)	DERWENT	
	4	(((disc or disk) adj balanc\$3) assembly) and	USPAT;	2004/01/05 16:49
, -	7	((long-soon-kyo.in. or lee-chul-woo.in. in. or lee-chul-woo.in. or	JPO;	
		jung-seung-tae.in. or choa-sung-hoon.in.)	DERWENT	
-	73	(hong-soon-kyo.in. or lee-chul-woo.inin. or lee-chul-woo.in. or	USPAT;	2004/01/05 16:51
		jung-seung-tae.in. or choa-sung-hoon.in.) and (disc or disk)	JPO;	
		and laser	DERWENT	
1 2	0	(hong-soon-kyo.in. or lee-chul-woo.in. or lee-chul-woo.in. or	USPAT;	2004/01/05 16:49
		jung-seung-tae.in. or choa-sung-hoon.in.) and (disc or disk)	JPO;	
		and laser and balanc\$3	DERWENT	2004/04/05 16:50
-	0	(hong-soon-kyo.in. or lee-chul-woo.in. in. or lee-chul-woo.in. or	USPAT;	2004/01/05 16:50
		jung-seung-tae.in. or choa-sung-hoon.in.) and ((disc or disk)	JPO; DERWENT	
	9	same laser) and balancing (hong-soon-kyo.in. or lee-chul-woo.in. or	USPAT;	2004/01/05 16:51
_		jung-seung-tae.in. or choa-sung-hoon.in.) and ((disc or disk)	JPO;	2004/01/00 10:01
		same laser) and vibrat\$3	DERWENT	
_	1	(hong-soon-kyo.in. or lee-chul-woo.inin. or lee-chul-woo.in. or	USPAT;	2004/01/05 16:51
	•	jung-seung-tae.in. or choa-sung-hoon.in.) and balanc\$3	JPO;	
			DERWENT	
-	65	(hong-soon-kyo.in. or lee-chul-woo.inin. or lee-chul-woo.in. or	USPAT;	2004/01/05 16:54
		jung-seung-tae.in. or choa-sung-hoon.in.) and ((disc or disk)	JPO;	
		same laser)	DERWENT	
-	122	balanc\$3 with ((cut\$3 or remov\$3) with laser)	USPAT;	2004/01/05 16:55
			JPO;	
	0007	040/404 00 104 05	DERWENT USPAT;	2004/01/06 14:53
-	2327	219/121.69,121.85.ccls.	JPO;	2004/01/00 14.55
			DERWENT	
1_	0	((((measur\$3 or test\$3) same (magnetoresistance or	USPAT; JPO	2004/01/06 14:53
		resistance) with sensor))) and ((disc or disk) adj balanc\$3) and		
		laser		
-	15	(("3482075") or ("3909584") or ("4096988") or ("3499136") or	USPAT;	2004/01/06 14:53
		("3538298") or ("3663795") or ("3755646") or ("4543463")) PN.	JPO;	
	_		DERWENT	0004/04/00 40-05
-	2	(photo adj sensor) with (phase adj angle)	USPAT;	2004/01/08 13:25
		,	JPO; DERWENT	
	1	(photo with sensor) with (phase adj angle)	USPAT;	2004/01/08 13:33
-	4	(prioto with sensor) with (priase adjungle)	JPO;	200-701700 10.00
			DERWENT	
_	1138453	((measur\$3 or detect\$3) with (phase adj angle)) wtih sensor	USPAT;	2004/01/08 13:33
			JPO;	
			DERWENT	
-	1135044	((measur\$3 or detect\$3) adj (phase adj angle)) wtih sensor	USPAT;	2004/01/08 13:34
			JPO;	
	:		DERWENT	2004/04/00 42 52
-	1176	((measur\$3 or detect\$3) adj (phase adj angle))	USPAT;	2004/01/08 13:36
			JPO; DERWENT	
	28054	photosensor	USPAT;	2004/01/08 13:34
1-	20034	photosensor	JPO;	2007/01/00 10.04
	1		DERWENT	
-	3	(((measur\$3 or detect\$3) adj (phase adj angle))) and	USPAT;	2004/01/08 13:34
		photosensor	JPO;	
		'	DERWENT	
-	5950	((measur\$3 or detect\$3) with (phase adj angle))	USPAT;	2004/01/08 13:36
			JPO;	
			DERWENT	0004/04/00 15 55
-	36	photosensor and (((measur\$3 or detect\$3) with (phase adj	USPAT;	2004/01/08 13:36
		angle)))	JPO;	
	L		DERWENT	

	8	((measur\$3 or detect\$3) with (phase adj angle)) with	USPAT;	2004/01/08 13:37
		((photosensor or (phot adj sensor)))	JPO;	
			DERWENT	
-	4	4543463.URPN.	USPAT	2004/01/08 15:38
-	5	4773019.URPN.	USPAT	2004/01/08 15:39
-	18	4096988.URPN.	USPAT	2004/01/08 15:41
-	6	3909584.URPN.	USPAT	2004/01/08 15:49
	12	3538298.URPN.	USPAT	2004/01/08 15:44
	0	dust adj inhaler	USPAT;	2004/01/13 12:58
			JPO;	
			DERWENT	
	13955	dust with (inhaler or suction)	USPAT;	2004/01/13 12:58
	1		JPO;	
			DERWENT	
	1280	dust adj (inhaler or suction)	USPAT;	2004/01/13 12:58
			JPO;	
			DERWENT	
	15	(dust adj (inhaler or suction)) same laser	USPAT;	2004/01/13 13:01
			JPO;	
			DERWENT	
	0	(dust adj (inhaler or suction)) same laser same robot	USPAT;	2004/01/13 13:02
		(**************************************	JPO;	
			DERWENT	
	1	(dust adj (inhaler or suction)) same laser same mov\$3	USPAT;	2004/01/13 13:03
			JPO;	
			DERWENT	
	53	(photo adj sensor) with (irradiat\$3 adj light)	USPAT;	2004/01/13 13:04
		(4	JPO:	
			DERWENT	
	0	(photo adj sensor) with (irradiat\$3 adj light) with (phase adj	USPAT;	2004/01/13 13:04
	_	angle)	JPO:	
		g/	DERWENT	
	0	(photo adj sensor) with (irradiat\$3 adj light) same (phase adj	USPAT:	2004/01/13 13:04
		angle)	JPO;	
			DERWENT	
	7	(photo adj sensor) same (phase adj angle)	USPAT;	2004/01/13 13:04
		(procedure) control (procedure) and (procedure)	JPO;	
			DERWENT	
	4	(photo adj sensor) same (phase adj angle) same light	USPAT:	2004/01/13 13:21
	1	(prince any control) came (prince any arrigin) came again	JPO:	
			DERWENT	
	3078	(sensor) same ((phase adj angle) or vibrat\$3) same light	USPAT:	2004/01/13 13:21
		(various), sainte ((priace daj angle) or ribiates) sainte light	JPO;	
			DERWENT	
	24	(sensor) same ((phase adj angle) or vibrat\$3) same (irradiat\$3	USPAT;	2004/01/13 13:21
	27	adj light)	JPO:	
		auj ngmy	DERWENT	
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Web Account - Access the IEEE Member Digital Library	2 Calibration of sub-10-nm flying height using the bump response Zhang, J.; Sheng, G.; Magnetics, IEEE Transactions on , Volume: 39 , Issue: 5 , Sept. 2003 Pages: 2474 - 2476			
	[Abstract] [PDF Full-Text (549 KB)] IEEE JNL			
3 Slider dynamics during continuous contact with textured and disks in ultra low flying height Tanaka, H.; Yonemura, S.; Tokisue, H.; Magnetics, IEEE Transactions on , Volume: 37 , Issue: 2 , March 200 Pages: 906 - 911				
	[Abstract] [PDF Full-Text (156 KB)] IEEE JNL			
4 Dynamics of glide head in the proximity contact regim Wei Yao; Kuo, D.; Sundaram, R.; Magnetics, IEEE Transactions on , Volume: 35 , Issue: 5 , Sep Pages: 2469 - 2471				
	[Abstract] [PDF Full-Text (372 KB)] IEEE JNL			
	5 Characterization of disk vibrations on aluminum and alternate subs			

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McAllister, J.S.;

Magnetics, IEEE Transactions on , Volume: 33 , Issue: 1 , Jan. 1997

Pages:968 - 973

[Abstract] [PDF Full-Text (704 KB)] IEEE JNL

6 Slider dynamics during continuous contact with textured and smoot disks in ultra low flying height

Tanaka, H.; Yonemura, S.; Tokisue, H.;

Asia-Pacific Magnetic Recording Conference, 2000. APMRC 2000, 6-8 Nov. 20 Pages: TB3/1 - TB3/2

[Abstract] [PDF Full-Text (160 KB)] IEEE CNF

7 Dual-stage servo with on-slider PZT microactuator for hard disk driv Yaolong Lou; Peng Gao; Bin Qin; Guoxiao Guo; Eng-Hong Ong; Takada, A.; O K.;

Magnetics, IEEE Transactions on , Volume: 38 , Issue: 5 , Sept. 2002

Pages:2183 - 2185

[Abstract] [PDF Full-Text (232 KB)] IEEE JNL

8 Measurement of head/disk spacing modulation using a two channel optic laser Doppler vibrometer

Riener, T.A.; Goding, A.C.; Talke, F.E.;

Magnetics, IEEE Transactions on , Volume: 24 , Issue: 6 , Nov 1988

Pages: 2745 - 2747

[Abstract] [PDF Full-Text (272 KB)] IEEE JNL

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